

STN: Caplus, Japio, Inspee, USPATFULL
STN Columbus

(FILE 'HOME' ENTERED AT 12:26:36 ON 29 DEC 2006)

FILE 'CAPLUS' ENTERED AT 12:26:43 ON 29 DEC 2006

L1 1456050 S ETCH? OR PATTERN? OR REMOV?
L2 170844 S PS OR PSI OR (POROUS OR FORAMINOUS) (W) (SI OR SILICON)
L3 40852 S SACRIFIC?
L4 88 S L1 AND L2 AND L3
L5 86 S L4 NOT SOI

FILE 'JAPIO' ENTERED AT 12:28:18 ON 29 DEC 2006

L6 5 S L4

FILE 'INSPEC' ENTERED AT 12:28:36 ON 29 DEC 2006

L7 57 S L5

FILE 'USPATFULL' ENTERED AT 12:29:24 ON 29 DEC 2006

L8 285 S L1(P)L2(P)L3
L9 9321 S L1(10A)L2
L10 165 S L2(10A)L3
L11 45 S L8(P)L9(P)L10
L12 56 S L8(P) (COVER OR ANNEAL? OR ANEAL? OR AFM OR MICROSCOP? OR TIP
L13 40 S L12 NOT L11
SET HIGH OFF
L14 167 S L8 AND (SEMICONDUCT? OR WAFER? OR CHIP?)
SET HIGH ON
L15 200 S L8 NOT (L11 OR L13)
L16 93 S L15 AND L14
L17 37 S L8(P) (IMPLANT? OR DOP? OR DIFUS? OR DIFFUS?)
L18 13 S L17 AND L16
L19 21 S L8(P) (MEMS OR NEMS OR MEM OR NEM OR NANO? OR MICROMECH? RO MI
L20 80 S L16 NOT L18
L21 11 S L20 AND L19
L22 69 S L20 NOT L21
L23 688497 S (ETCH? OR PATTERN? OR REMOV?)/CLM
L24 24321 S (PS OR PSI OR (POROUS OR FORAMINOUS) (W) (SI OR SILICON))/CLM
L25 6877 S SACRIFIC?/CLM
L26 70 S L23 AND L24 AND L25
L27 344 S L23(10A)L24
L28 18 S L24(10A)L25
L29 6 S L26 AND L27 AND L28
L30 17 S L26 AND (L27 OR L28)
L31 11 S L30 NOT L29

STN 8 Caplus Japio, USPATFULL

(FILE 'HOME' ENTERED AT 11:01:43 ON 29 DEC 2006)

FILE 'CAPLUS' ENTERED AT 11:01:50 ON 29 DEC 2006

L1 113229 S POROSITY OR POROSITIES
L2 9364 S POROUS(W) (SI OR SILICON)
L3 1456050 S ETCH? OR PATTERN? OR REMOV?
L4 348 S L1 AND L2 AND L3
L5 507722 S IMPLANT? OR DOPE# OR DOPING?
L6 60 S L4 AND L5
L7 141 S L1(10A) (1ST OR FIRST OR 1 ST) AND L1(10A) (2ND OR 2 ND OR SECO
L8 16 S L3 AND L7
L9 76 S L6 OR L8
L10 32105 S COVER?(3A) LAYER?
L11 327 S (L2 OR L1) AND L10
L12 61 S L2 AND L11
L13 17 S L3 AND L12
L14 50 S L11 AND L3
L15 125 S L9 OR L13 OR L14
L16 8 S L15 AND (ANNEAL? OR ANEAL?)
L17 7 S L11 AND (ANNEAL? OR ANEAL?)
L18 129 S L15 OR L16 OR L17
L19 67 S L2 AND (MEMS OR MICROMECH? RO MICROELEC?)
L20 0 S L2 AND NEMS
L21 2059 S L2 AND NANO?
L22 493 S L3 AND L21
L23 84 S L5 AND L22
L24 195 S L18 OR L23

FILE 'JAPIO' ENTERED AT 11:07:40 ON 29 DEC 2006

L25 13 S L24
L26 0 S L22

FILE 'USPATFULL' ENTERED AT 11:08:44 ON 29 DEC 2006

L27 236 S L1(P)L2(P)L3
L28 85 S L27(P)L5
L29 7 S L10(P)L27
L30 7 S L27(P) (ANNEAL? OR ANNEAL?)
L31 1296 S (L1(10A)) (1ST OR FIRST OR 1 ST)) (P) (L1(10A) (2ND OR 2 ND OR SEC
L32 7 S L27(P)L31
L33 250 S L31(P)L3
L34 5 S L33(P) (ANNEAL? OR ANEAL?)
L35 14 S L33(P)L5
L36 102 S L28 OR L29 OR L30 OR L32 OR L34 OR L35
L37 42 S L27(P) (MEMS OR NEMS OR NANO? OR MICROELEC? OR MICROMECH?)
L38 125 S L36 OR L37
L39 3 S L27(P) (CANTILEVER? OR AFM OR ATOMIC OR MICROSCOP?)
L40 20 S L27(P) (CANTILEVER? OR AFM OR ATOMIC OR MICROSCOP?)
L41 84 S L29 OR L30 OR L32 OR L34 OR L35 OR L37 OR L40
L42 136 S L28 OR L41